

FILE NOTATIONS

Entered in NID File ✓
 Entered On S R Sheet ✓
 Location Map Pinned ✓
 Card Indexed ✓
 IWR for State or Fee Land

Checked by Chief
 Copy NID to Field Office
 Approval Letter ✓
 Disapproval Letter

COMPLETION DATA:

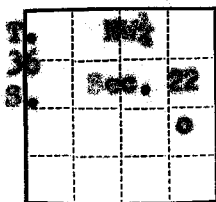
Date Well Completed 1-20-59
 OW WW TA
 GW OS PA ✓

Location Inspected 3/XC
 Bond released
 State of Fee Land

LOGS FILED

D-1 Log 2-2-59
 Electric Logs (No) 3

E L EL ✓ GR GR-N ✓ Micro
 Lat M-L Sonic (2) Others



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYBudget Bureau No. 42-R358.4.
Approval expires 12-31-60.

Salt Lake City, Utah

Land Office

U-09299

Lease No.

Johnson Creek

Unit

#11-08-001-3887

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December 4, 1958

Well No. 3 is located 1747 ft. from {N} line and 1980 ft. from {E} line of sec. 22
233' N of G SE NW Sec. 22 T.36S. R.21E. S.L.M.
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat San Juan County Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5853 ft. (estimated).

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)
Pan American Petroleum Corporation proposes to drill to 6700' and/or to Top of Paradox Salt.

Approximately 400 feet 13-3/8" surface casing will be run and cemented to surface using regular cement plugs 1-1/2" Calcium Chloride. If commercially productive 5-1/2" production casing will be run from T.D. to surface and cemented as required.

Estimated formation tops:

Triassic	3100'	Hermosa "A" Zone	6050'	Top of Salt	6700'
Gutler Rico	5000'	Hermosa "B" Zone	6300'		
U. Hermosa	5850'	Hermosa "C" Zone	6500'		

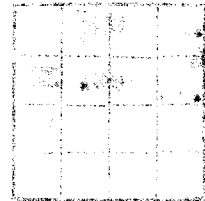
Well will be cored in Hermosa "B" and "C" zones upon encountering porosity, shown in samples, shown in gas detector, or if samples are poor through intervals of interest.

(Continued on Reverse Side)

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company STANDARD OIL COMPANY OF CALIFORNIA, WESTERN OPERATIONS, INC.Address P.O. Box 1076Salt Lake City 10, UtahBy H. P. Winham, JR.Title Division Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

DETAILS OF WORK: (Continued)

DST's will be run on all zones of interest indicated by sample, survey, gas detector or logs.

E-log will be run from surface to T.D.

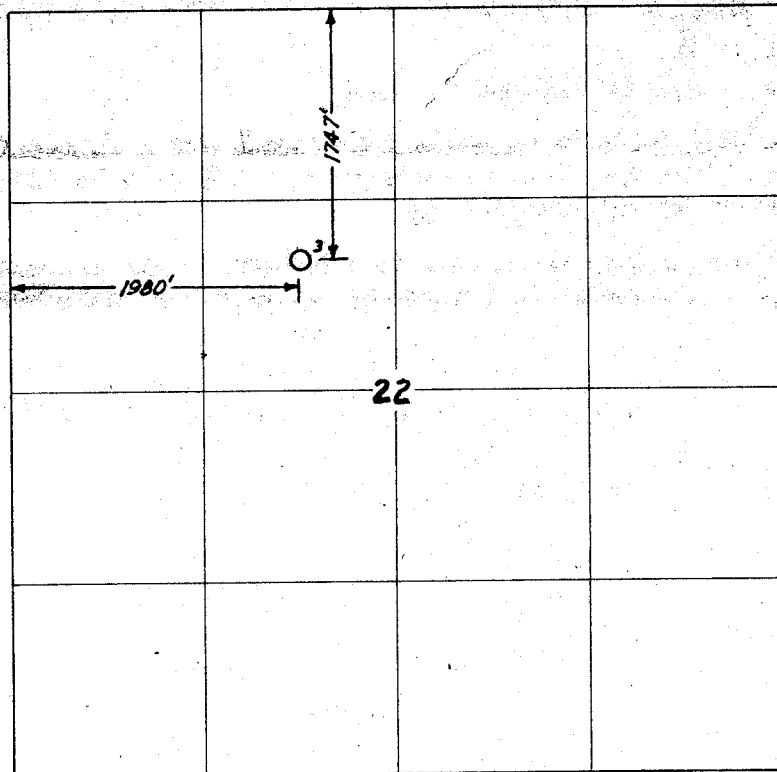
Rotary tools will be used to drill above well and a bentonite base mud will be used with chemicals added as necessary. Oil will be added to drilling mud if deemed necessary or beneficial.

If oil is encountered, casing may be set through any prospective horizon and perforated. Stimulation will depend on type of pay zone encountered.

Well, the ... is located ... if there ... and ... from ...

2407 40 2472

(please be sure to always include the name, address and
 telephone number of the person to whom the letter is being sent)



Scale: 1" = 1/4 mile

Well Name & No. Johnson Creek #3 Lease No. U 09299

Location 1980' FWL, 1747' ENL

Being in SE NW Sec. 22, T. 36 S. - R. 21 E., S.L.M.

San Juan County, Utah.

Surveyed 24 November 1958

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

James F. Hill
Civil Engineer

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Farmington, N. Mexico
LEASE NUMBER U - 09299
UNIT Johnson Creek Unit

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of December, 1958.

Agent's address P.O. Box 458, Brush, Colorado Company Pan American Petroleum Corp.

Signed [Signature]

Phone Victor 2-2-2893 Agent's title Field Clerk

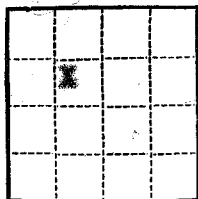
SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
C SE NW 22	36S	21E	3	-	-	-	-	-	-	Drilling - 4615

O-1 ; U S C S - Roswell, N.M.
CC: HSS
CC: OGCC - Utah
CC: FILE

NOTE.—There were 0 runs or sales of oil; 0 M cu. ft. of gas sold;

0 runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.
Approval expires 12-31-66

Land Office Salt Lake City, Utah
Lesse No. Utah 092999
Unit Johnson Creek Unit No. 1
11-00-001-3507

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....	X		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Johnson Creek Unit

Farmington, New Mexico January 21, 1959

Well No. 3 is located 1747 ft. from N line and 1900 ft. from E line of sec. 22

SW/4 of NW/4 Section 22 T-36-S R-21-E Salt Lake Meridian
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Wilcox San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 9853 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

As a result of not encountering any oil or gas in commercial quantities, we propose to plug and abandon the Johnson Creek Unit Well No. 3 as follows:

1. Spot 100 sack plug from 5200-5450 across upper Paradox.
2. Spot 80 sack plug from 2600-2800 across Shinarump-Moenkop.
3. Spot 60 sack plug from 1400-1600 at base of Kayenta and top of Wingate.
4. Spot 50 sack plug from 700-900 at top of Navajo.
5. Spot 70 sack plug from 370-470 in base of surface pipe.
6. Spot 10 sack plug at surface and correct marker. Spot heavy mud laden fluid between plugs and clean up location.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Standard Oil of California (Operator)

Address Pan American Petroleum Corporation (Agent)

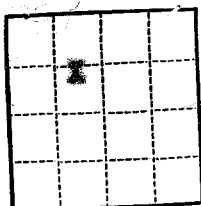
Box 487

Farmington, New Mexico

ORIGINAL SIGNED BY
R. M. Bauer, Jr.

By

Title Field Engineer



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4
Approval expires 12-31-60

Land Office Salt Lake City, Utah
Lease No. Utah 092977
Unit Johnson Creek Unit No. 11-08-071-3867

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	X
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Johnson Creek Unit

Farmington, New Mexico January 23, 1959

Well No. 3 is located 1747 ft. from N line and 1980 ft. from W line of sec. 22
SE 1/4 of NW 1/4 Section 22 T36N R12E Salt Lake Meridian
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wilcox San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5853 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

As a result of not encountering any oil or gas in commercial quantities, the Johnson Creek Unit Well No. 3 was plugged and abandoned as follows on January 20, 1959:

1. Spotted 100 sack plug 5115-5450.
2. Spotted 80 sack plug 2516-2550.
3. Spotted 80 sack plug 1516-1600.
4. Spotted 80 sack plug 616-900.
5. Spotted 70 sack plug 315-470.
6. Spotted 10 sack plug at surface and corrected 4" abandonment marker.

Spotted heavy mud laden fluid between plugs and cleaned up location.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

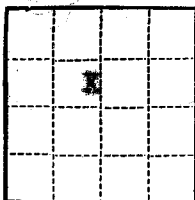
Company Standard Oil of California (Operator)

Address Pan American Petroleum Corporation (Agent)
Box 487

Farmington, New Mexico

ORIGINAL SIGNED BY
R. M. Bauer, Jr.

By
Title Field Engineer



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City, Utah
Lease No. Utah 092999
Unit Johnson Creek Unit No.
14-08-001-3887

7-4
3-10

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	X
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Johnson Creek Unit

Farmington, New Mexico January 30, 1959

Well No. 3 is located 1747 ft. from {N} line and 1980 ft. from {E} line of sec. 22

SE/4 of NW/4 Section 22 T36S R21E Salt Lake Meridian
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Wildcat San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5853 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

Johnson Creek Unit Well No. 3. On December 10, 1958, this well was spudded, and on December 13, 1958, 13-3/8" casing was set at 422' with 400 sacks of cement. After waiting on cement, casing and water shut-off were tested with 600 pounds pressure for thirty minutes, which held with no drop in pressure. Resumed drilling.

Drill stem test No. 1 - 5523-5594 Paradox. Tested for 3 hours, weak blow air immediately increasing to good blow throughout test with no gas. Recovered 75' MUD cut salt water and 1800' salt water. Initial 30 minute shut in bottom hole pressure 2390 psi, flowing bottom hole pressure 110-890 psi, final 30 minute shut in bottom hole pressure 2360 psi, hydrostatic in 2820 psi and out 2785 psi. Bottom hole temperature 118° F. Drill stem test no. 2 - 5728-5806 Paradox. Tested for 3 hours weak blow air for 1 hour and died. Recovered 25' mud with no show of gas or oil. Initial 30 minute shut in bottom hole pressure 55 psi, flowing bottom hole pressure

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may commence.

Company Pan American Petroleum CorporationAddress Box 487Farmington, New Mexico

ORIGINAL SIGNED BY

By R. M. Bauer, Jr.Title Field Engineer

1110

45 psi - 55 psi, final shut in bottom hole pressure 55 psi. Hydrostatic in 2825 psi and out 2815 psi. Bottom hole temperature 116° F.

As a result of not encountering any oil or gas in commercial quantities the Johnson Creek Unit Well No. 3 was plugged and abandoned as follows on January 20, 1959:

1. Spotted 100 sack plug 5115-5150.
2. Spotted 80 sack plug 2814-2880.
3. Spotted 80 sack plug 1316-1600.
4. Spotted 80 sack plug 616-900.
5. Spotted 70 sack plug 315-470.
6. Spotted 10 sack plug at surface and erected 4" abandonment marker.

Spotted heavy and light fluid between plugs and cleaned up location.

Spotted heavy and light fluid between plugs and cleaned up location.

Spotted heavy and light fluid between plugs and cleaned up location.

DETAILS OF WORK

The elevation of the bottom hole tool was 2825 ft

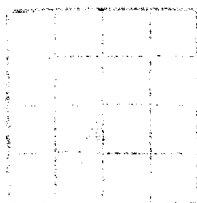
1110

1110

(NAME OF YOUNG OR CHARTERED BY NAME OF MEMBER NAME OF UNIT)

NAME OF MEMBER TO BE ADDED	NAME OF MEMBER TO BE REMOVED
NAME OF MEMBER TO BE ADDED	NAME OF MEMBER TO BE REMOVED
NAME OF MEMBER TO BE ADDED	NAME OF MEMBER TO BE REMOVED
NAME OF MEMBER TO BE ADDED	NAME OF MEMBER TO BE REMOVED
NAME OF MEMBER TO BE ADDED	NAME OF MEMBER TO BE REMOVED
NAME OF MEMBER TO BE ADDED	NAME OF MEMBER TO BE REMOVED
NAME OF MEMBER TO BE ADDED	NAME OF MEMBER TO BE REMOVED

SUMMARY NOTES AND RECORDS ON UNIT



DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON, D. C.

FEB 2 1959

Form 9-330

U. S. LAND OFFICE Salt Lake City, Utah
SERIAL NUMBER Utah 092999
LEASE OR PERMIT TO PROSPECT _____
Johnson Creek Unit No.
14-08-001-3887

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Standard Oil Company of California (Operator)

Company Pan American Petroleum Corporation Address Box 487, Farmington, New Mexico
Lessor or Tract Johnson Creek Unit Field Wildcat State Utah
Well No. 3 Sec. 22 T. 36S R. 21E Meridian Salt Lake County San Juan
Location 1747 ft. N of Line and 1980 ft. E of Line of Section 22 Elevation 5853
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed

ORIGINAL SIGNER

R. M. Bauer

Date January 30, 1959 Title Field Engineer

The summary on this page is for the condition of the well at above date.

Commenced drilling December 10, 1958 Finished drilling January 16, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from None to _____ No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from None to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>13-3/8"</u>	<u>48 1/2</u>	<u>8RT</u>	<u>National</u>	<u>411'</u>	<u>Guide</u>				<u>Surface</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>13-3/8"</u>	<u>422'</u>	<u>400 sacks cement</u>	<u>Halliburton No. 2 plug</u>		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

FOLD MARK

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from ----- feet to ----- feet, and from ----- feet to ----- feet
Cable tools were used from ----- feet to ----- feet, and from ----- feet to ----- feet

DATES

As a result of not encountering any
oil or gas in commercial quantities
the Johnson Creek Salt #3
was plugged and abandoned
the first 24 hours was -----
emulsion; ----- % water; and ----- % sediment.

Put to producing ----- plugged and abandoned 19-----
barrels of fluid of which ----- was oil, ----- %

Gravity, °Bé. -----

If gas well, cu. ft. per 24 hours ----- Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

-----, Driller
B. E. Marton -----, Driller
J. C. Hatley -----, Driller
S. Madden -----, Driller
C. C. Mallard -----, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	93	93	Morrison surface sand.
93	300	207	Morrison salt wash shaley sand.
300	418	118	Summerville shaly sand.
418	585	167	Entrada sand.
585	713	128	Carmel sandstone.
713	1320	607	Navajo shale.
1320	1458	138	Kayenta sands & shales.
1458	1800	342	Wingate sands & shale.
1800	2372	572	Chinle sands & shales.
2372	2562	190	Mossback sands & shales.
2562	2638	76	Monitor Butte shales.
2638	2742	104	Shinarump silty sandstone.
2742	2780	38	Moenkopi sand.
2780	2866	86	Cutler (Moskininni) sand & shale.
2866	3238	372	Cutler (Oregon Rock) shale.
3238	4113	875	Cutler (Cedar Mesa) silty sand & limestone.
4113	4585	472	Cutler (Halgaito) silty shale & limestone.
4585	5286	701	Hermosa silty limestone.
5286	5477	191	Paradox "A" limestone.
5477	5723	246	Paradox "B" limestone.
5723	5808	85	Paradox "C" dolomite
5808	5869	61	Paradox "D" silty dolomite & limestone.
5869	5874	5	Paradox (middle) salt.

FROM—

TO—

TOTAL FEET

(OVER)

FORMATION

16—43094-4

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Johnson Creek Unit No. 3 was spudded on December 10, 1958, and on December 13, 1958, 13-3/8" casing was set at 422' with 400 sacks of cement. After waiting on cement, casing and water shut-off were tested with 400 pounds pressure for thirty minutes, which held with no drop in pressure. Resumed drilling.

Drill stem test No. 1 - 5525-5594 Paradox. Tested for 3 hours, weak blow air immediate 16 increasing to good blow throughout test with no gas. Recover 75' mud cut salt water and 1200' salt water. Initial 30 minute shut in bottom hole pressure 2390 psi, flowing bottom hole pressure 110-890 psi, final 30 minute shut in bottom hole pressure 2260 psi, hydrostatic in 2820 psi and out 2785 psi. Bottom hole temperature 118° F.

Drill stem test No. 2 - 5728-5808 Paradox. Tested for 3 hours, weak blow air for 1 hour and died. Recovered 25' mud with no show of gas or oil. Initial 30 minute shut in bottom hole pressure 55 psi, flowing bottom hole pressure 45 psi - 55 psi, final shut in bottom hole pressure 55 psi. Hydrostatic in 2825 psi and out 2815 psi. Bottom hole temperature 116° F.

As a result of not encountering any oil or gas in commercial quantities the Johnson Creek Unit Well No. 3 was plugged and abandoned as follows on January 20, 1959:

1. Spotted 100 sack plug 5115-5450.
 2. Spotted 80 sack plug 2416-2800.
 3. Spotted 80 sack plug 1316-1600.
 4. Spotted 80 sack plug 616-900.
 5. Spotted 70 sack plug 315-470.
 6. Spotted 10 sack plug at surface and erected 4" abandonment marker.
- Spotted heavy mud laden fluid between plugs and cleaned up location.

LOC OF OIL OR GAS WELL

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES